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## **LATCH SCHEME WITH INVALID COMMAND DETECTOR**

### **ABSTRACT OF THE DISCLOSURE**

Methods and circuits for reducing unnecessary changes to outputs of latch circuits are provided. Unnecessary changes to outputs of latch circuits may be reduced by preventing the outputs of the latch circuits from changing when an invalid command is detected. For some embodiments, an invalid command detector is provided that generates an invalid command signal used to inhibit latch circuits, in response to detecting an invalid command.